

are flanked by ranges of limestone hills, similar in character to those below on the tierra templada. Undoubtedly the range which bounds the plains of Anahuac to the east is very rich in mineral treasure, as specimens of silver ore are frequently brought in by the Indians, but they, like those of Peru, conceal their knowledge of the localities with the utmost care. About three leagues from Perote I saw a vein of sulphuret of silver three feet in width, associated with blende and sulphate of copper.—*Proceedings of the Academy of Natural Sciences of Philadelphia*, vol. iv. p. 91.

METEOROLOGICAL OBSERVATIONS FOR MARCH 1849.

*Chiswick*.—March 1. Cloudy: clear and windy: cloudy. 2. Fine: cloudy: clear. 3. Overcast. 4. Clear: cloudy and fine: clear. 5. Fine: frosty. 6. Frosty: fine: overcast. 7. Cloudy: boisterous, with rain at night. 8. Fine: hail-shower: clear and frosty at night. 9. Clear and frosty: very fine: slight snow. 10. Clear: cloudy. 11, 12. Overcast throughout. 13. Fine. 14. Cold dusky haze. 15, 16. Overcast. 17. Foggy: fine: clear. 18. Foggy, with heavy dew: hazy: foggy and damp. 19. Foggy: overcast. 20. Dusky haze: overcast: clear. 21. Overcast: clear. 22. Foggy: cold haze: overcast. 23. Overcast: cold haze: densely overcast. 24. Fine, but cold: clear and frosty at night. 25. Snowing: cloudy and cold: overcast. 26. Densely clouded. 27. Dry haze. 28. Foggy: overcast throughout. 29. Hazy: rain: cloudy. 30. Heavy showers. 31. Clear: fine: cloudy.

Mean temperature of the month .....	41°·56
Mean temperature of March 1848 .....	42·43
Mean temperature of March for the last twenty years .....	42·62
Average amount of rain in March .....	1·36 inch.

*Boston*.—March 1. Cloudy: rain A.M. and stormy. 2. Cloudy. 3. Fine. 4. Cloudy. 5, 6. Fine. 7. Fine: rain P.M. 8. Cloudy: snow P.M. 9, 10. Fine. 11. Cloudy. 12. Fine. 13. Fine: rain early A.M. 14—16. Cloudy. 17. Fine. 18, 19. Foggy. 20—22. Cloudy. 23. Cloudy: rain P.M. 24. Snow. 25. Cloudy. 26. Fine. 27. Cloudy. 28. Rain: rain A.M. 29. Cloudy: rain P.M. 30, 31. Fine: rain P.M.

*Applegarth Manse, Dumfries-shire*.—March 1. Fair and clear A.M.: getting cloudy: rain P.M. 2. Fair A.M.: showers. 3. Fair: wind rising. 4. Fair: cloudy: fine sunset. 5. Slight shower: cleared. 6. Fair: cloudy: high wind P.M. 7. Rain all day, but light. 8. Frost hard: clear all day. 9. Frost keen. 10. Frost increasing in keenness. 11. Frost slight: shower. 12. Fine spring morning: got colder. 13—17. Fine dry weather. 18. Very fine day. 19. Still finer, like May. 20. The same, beautiful weather. 21. The same: fog P.M. 22. Frost during the night: fine day. 23, 24. Fine, though dull. 25. The same: brighter. 26. Frost: dull P.M. 27. The same dullness: no frost. 28. Clear and cool. 29. Shower early. 30. Showery. 31. Slight drops of rain: slight frost.

Mean temperature of the month .....	41°·8
Mean temperature of March 1848 .....	41·2
Mean temperature of March for twenty-five years .....	39·1
Rain in March 1848 .....	4·1 inches.
Rain in March for twenty years .....	2·3 „

*Sandwick Manse, Orkney*.—March 1. Bright: hail: light showers. 2. Cloudy: showers. 3. Cloudy: clear. 4. Clear: showers. 5. Sleet: showers. 6. Showers. 7. Sleet: snow-showers. 8. Snow-showers. 9. Drift: snow-showers. 10. Thaw: showers. 11. Rain: drizzle. 12. Cloudy: snow. 13. Snow-showers: thaw. 14. Drizzle. 15. Fog: damp. 16. Fog: fine. 17. Fine: fog. 18, 19. Fog. 20. Fine: clear aurora. 21. Fine: cloudy. 22. Fog: cloudy. 23. Rain. 24. Damp: drizzle. 25. Drizzle: aurora. 26. Sleet-showers: clear aurora. 27. Cloudy: showers. 28. Cloudy: clear aurora. 29. Cloudy. 30. showers. 31. Damp: clear.